



FORM PTO-1449 U.S. Department of
Commerce Patent and Trademark Office

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

ATTY. DOCKET NO.

500.40274X00

SERIAL NO.

09/884,091

APPLICANT

T. AKIYAMA, et al

FILING DATE

June 20, 2001

GROUP

2637

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT
						YES NO
BD	2 1 4 8 6 7 6	5/01	Japan			XX
	0 0 1		TMCC			
BD	1 0 3 3 6 1 4 1	12/98	Japan			XX
BD	8 8 4 1 6 6	3/96	Japan			XX

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BD	M. Takada, "Transmission Performance Depending on OFDM Symbol Duration and Scattered Pilot for Digital Terrestrial Broadcasting", The Institute of Image Information and Television Engineers, vol. 52, No. 11, pp. 1685-1665, 1998.

EXAMINER

BD

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(Form PTO-1449 [6-4])

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BD	5 9 1 2 2 1 5 8	7/84	Japan			XX	
BD	9 9 6 5 1 7 3	12/99	PCT			XX	
BD	0 9 5 1 1 5 1	10/99	European				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BD	Y. Murakami, et al "A New Design of Pilot Symbol in 16QAM Channels", IEEE 51 st Vehicular Technology Conference Proceedings, Tokyo, Japan, vol. 3 of 3, Conf. 51, May 15, 2000, pp. 2064-2068.
BD	"Digital Video Broadcasting (DVB)", European Standard (Telecommunication Series), ETSI EN 300 744, March 1997, pp. 25-34.

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